

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/735,056

OIPE

DATE: 03/22/2001
TIME: 23:29:34

INPUT SET: S36554.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information

- (i) APPLICANT: Katz, Leonard
Stassi, Diane L.
Summers Jr., Richard G.
Ruan, Xiaoan
Pereda-Lopez, Ana
Kakavas, Stephan J.
- (ii) TITLE OF THE INVENTION: NOVEL POLYKETIDE DERIVATIVES
AND RECOMBINANT METHODS FOR MAKING SAME
- (iii) NUMBER OF SEQUENCES: 34
- (iv) CORRESPONDENCE ADDRESS:
(A) ADDRESSEE: Abbott Laboratories
(B) STREET: 100 Abbott Park Rd.
(C) CITY: Abbott Park
(D) STATE: Illinois
(E) COUNTRY: USA
(F) ZIP: 60064-3500
- (v) COMPUTER READABLE FORM:
(A) MEDIUM TYPE: Diskette
(B) COMPUTER: IBM Compatible
(C) OPERATING SYSTEM: DOS
(D) SOFTWARE: FastSEQ Version 2.0
- (vi) CURRENT APPLICATION DATA:
(A) APPLICATION NUMBER: 09/735,056
(B) FILING DATE:
(C) CLASSIFICATION:
- (vii) PRIOR APPLICATION DATA:
(A) APPLICATION NUMBER: 08/858,003
(B) FILING DATE:
- (viii) ATTORNEY/AGENT INFORMATION:
(A) NAME: Dianne Casuto
(B) REGISTRATION NUMBER: P-40,943
(C) REFERENCE/DOCKET NUMBER: 4952.US.P2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/735,056DATE: 03/22/2001
TIME: 23:29:35

INPUT SET: S36554.raw

47 (ix) TELECOMMUNICATION INFORMATION:
48 (A) TELEPHONE: (847)-938-3137
49 (B) TELEFAX: (847)-938-2623
50 (C) TELEX:
51
52

53 (2) INFORMATION FOR SEQ ID NO:1:
54

55 (i) SEQUENCE CHARACTERISTICS:
56 (A) LENGTH: 925 base pairs
57 (B) TYPE: nucleic acid
58 (C) STRANDEDNESS: double
59 (D) TOPOLOGY: linear
60
61

62 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
63

64	GGGCCGCTGG	CGGTGATGTT	CACCGGACAG	GGCTCCCAAC	GCCCCGGCAT	GGGACGACAG	60
65	TTGTACGAGC	ACTTCCCCGT	CTTCGCCCAG	GCACTGGACG	AGGTCTTCGC	ACTCGCCACC	120
66	CCCGGACTAC	GCGAGGTGAT	GTTCGACCCC	GACCAGGCCG	AAACACTCCA	ACGCACCGAC	180
67	CACGCCCAGA	TCGCCCTGTT	CGCCTTCGAA	ACCGCCCTCT	ACCGACTCTG	GGAATCCTGG	240
68	GGCCTGCGAC	CCGACATGGT	CTGCGGACAC	TCGGTCGGAG	AAATCACC GC	AGCCCACGTC	300
69	TCCGGCACCC	TCACCCCTCC	CGACGCCGTC	CACCTCGTCA	CCACACGCGG	CACCCTCATG	360
70	CAAAACCTGC	CCCCCGGCGG	CGCCATGCTC	GCCGTCGCCA	CCGACCCCCA	CACCCTCCAA	420
71	CCCCACCTCG	ACAACCACCA	CGACACCATC	TCCATCGCCG	CCATCAACGG	CCCCCACGCC	480
72	ACCGTCCTCT	CCGGCGACCG	CACCACCCTC	CACCACATCG	CCACCCAACT	CAACACCAAA	540
73	CCCTTCACCA	CCACCCTCAA	CACCCTCACC	CACCACCCCC	CACACACACC	CCTCATCAGC	600
74	ATGCTCACCG	CCACACCCAC	CCACCCCGAC	ACCACCCACT	GGACCCAGCA	CATCACCGCA	660
75	CCCGTCCGCT	ACACCGACAC	CCTCCACCAC	CTCCACCACC	ACGGCATCAC	CACCTACCTC	720
76	GAAATCGGCC	CCGACACCAC	CCTCACCGCC	CTCGCCCGCA	CCACCCTCCC	CACCACCACC	780
77	CACCTCATCC	CCACCACCCG	CCGCAACCAC	AACGAAGTCC	GCAGCACGAA	CGAGGCGTTG	840
78	GGCAGGGTGT	TCAGCGTGGG	CCACTCGGTG	GACTGGCGGG	CCCTCACTCC	GACCGGGAGG	900
79	CGTACCTCCC	TGCCGACGTA	CCCT				925

80
81 (2) INFORMATION FOR SEQ ID NO:2:
82

83 (i) SEQUENCE CHARACTERISTICS:
84 (A) LENGTH: 1030 base pairs
85 (B) TYPE: nucleic acid
86 (C) STRANDEDNESS: double
87 (D) TOPOLOGY: linear
88
89

90 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
91

92	CCTAGGACGG	CAGTCCTGCT	CACCGGGCAG	GGTTCCAGC	GTCAGGGCAT	GGGGCGCGAA	60
93	CTGTACGACC	GGTCACCGGT	GTTCGCCGCC	TCGTTTCGACG	CGATCTGCGC	TCAACTCGAC	120
94	GGGCAACTGC	CTCGTCCCCT	CAAGGACGTT	CTCTTCGCCC	CCGAGGGGTC	GGAGGACGCC	180
95	GCGCTCATCG	ACCGTACGGT	GTTCACACAG	GCGGCTCTGT	TCGCCGTGGA	GACCTCCCTG	240
96	TTCCGGCTGT	TCGAGGCCCA	CGGCCTCGTC	CCCGACTACC	TCATCGGCCA	CTCCATCGGC	300
97	GAAGTGACCG	CGGCCACCT	GGCCGGGGTC	CTCGATCTGG	CGGACGCGTG	CGTCCTGGTC	360
98	GCCCCACGCG	GCCGCCTGAT	GCAGTCGGCC	CGGGCCGGCG	GCGCGATGGC	CGCGGTCCAG	420
99	GCGAGCGAGG	ACGAGGTACG	CGAGGCCCTC	GCGACCTTCG	ACGATGCGGT	TGCCGTGGCC	480

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/735,056DATE: 03/22/2001
TIME: 23:29:35

INPUT SET: S36554.raw

100	GGAGTCAACG	GCCCCAACGC	CACCGTCGTC	TCCGGCGACG	AGGACGCGGT	CGAGCGGGCTG	540
101	GTCGCGCGCT	GGCGCGAGCA	GGGCAGGCGG	ACGAAGCGGC	TGCCGGTCAG	CCACGCCTTC	600
102	CACTCGCCGC	ACATGGACGG	GATCGTCGAC	GAGTTCGTCA	CCGCCGTCTC	CGGGCTCACC	660
103	TTCCGCTCCC	CGACGATCCC	GGTCGTCTCC	AACGTCACCG	GGACCCTCGC	CACCGTCGAC	720
104	CAGCTGACCT	CGCCCGCGTA	CTGGGCACGC	CACATCCGCG	AGGCCGTGCG	CTTCGCCGAC	780
105	GGGGTGCGGT	ACCTGGAGGG	CGAGGGCGTC	ACCGAATGGC	TGGAGCTCGG	GCCCGACGGC	840
106	GTTCTCGTCG	CCCTGGTCGA	GGACTGCCTG	GCGAAGGAGG	CGGGATCGCT	CGCGTCCGCC	900
107	CTGCGCAAGG	GGGCGAGCGA	GCCCCACACC	GTGGGCGCGG	CCATGGCCCG	CGCGGTGCTG	960
108	CGCGGATCCG	GCCCCGACTG	GGCGGCGGTG	TTCCCCGGCG	CACGGCGGGT	CGACCTTCCG	1020
109	ACGTATGCAT						1030

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 35 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

120							
121							
122	ATCTACACST	CSGGCAC	SAC	SGGCAAGCCS	AAGGG		35
123							

(2) INFORMATION FOR SEQ ID NO:4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 35 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

130							
131							
132							
133							
134							
135	CTSAAGGCSG	GCGGCGC	STA	CGTSCCSATC	GACCC		35
136							

(2) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 30 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

140							
141							
142							
143							
144							
145							
146							
147							
148	CGCGAATTCC	TAGGCTGGCG	GTGATGTTCA				30
149							

(2) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/735,056DATE: 03/22/2001
TIME: 23:29:36

INPUT SET: S36554.raw

153 (A) LENGTH: 33 base pairs
154 (B) TYPE: nucleic acid
155 (C) STRANDEDNESS: single
156 (D) TOPOLOGY: linear
157
158
159 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
160
161 GCCGGATCCA TGCATACGTC GGCAGGGAGG TAC 33
162
163 (2) INFORMATION FOR SEQ ID NO:7:
164
165 (i) SEQUENCE CHARACTERISTICS:
166 (A) LENGTH: 28 base pairs
167 (B) TYPE: nucleic acid
168 (C) STRANDEDNESS: single
169 (D) TOPOLOGY: linear
170
171
172 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
173
174 GCTCGAATTC GCTGGTCGCG GTGCACCT 28
175
176 (2) INFORMATION FOR SEQ ID NO:8:
177
178 (i) SEQUENCE CHARACTERISTICS:
179 (A) LENGTH: 32 base pairs
180 (B) TYPE: nucleic acid
181 (C) STRANDEDNESS: single
182 (D) TOPOLOGY: linear
183
184
185 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
186
187 GACGGATCCG GCCCTAGGCT GCGCCCGGCT CG 32
188
189 (2) INFORMATION FOR SEQ ID NO:9:
190
191 (i) SEQUENCE CHARACTERISTICS:
192 (A) LENGTH: 30 base pairs
193 (B) TYPE: nucleic acid
194 (C) STRANDEDNESS: single
195 (D) TOPOLOGY: linear
196
197
198 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
199
200 TTGGGATCCT ATGCATTCCA GCGCGAGCGC 30
201
202 (2) INFORMATION FOR SEQ ID NO:10:
203
204 (i) SEQUENCE CHARACTERISTICS:
205 (A) LENGTH: 26 base pairs

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/735,056DATE: 03/22/2001
TIME: 23:29:36

INPUT SET: S36554.raw

206 (B) TYPE: nucleic acid
207 (C) STRANDEDNESS: single
208 (D) TOPOLOGY: linear
209
210
211 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
212
213 GAGAAGCTTG GCGCGACTTG CCCGCT 26
214
215 (2) INFORMATION FOR SEQ ID NO:11:
216
217 (i) SEQUENCE CHARACTERISTICS:
218 (A) LENGTH: 36 base pairs
219 (B) TYPE: nucleic acid
220 (C) STRANDEDNESS: single
221 (D) TOPOLOGY: linear
222
223
224 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
225
226 TTTTTTAAGC TTGGTACCTG CTCACCGGCA ACACCG 36
227
228 (2) INFORMATION FOR SEQ ID NO:12:
229
230 (i) SEQUENCE CHARACTERISTICS:
231 (A) LENGTH: 42 base pairs
232 (B) TYPE: nucleic acid
233 (C) STRANDEDNESS: single
234 (D) TOPOLOGY: linear
235
236
237 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:
238
239 TTTTTTGGAT CCCTGCAGCC TAGGGTCGGA GGCCTGCCG GT 42
240
241 (2) INFORMATION FOR SEQ ID NO:13:
242
243 (i) SEQUENCE CHARACTERISTICS:
244 (A) LENGTH: 37 base pairs
245 (B) TYPE: nucleic acid
246 (C) STRANDEDNESS: single
247 (D) TOPOLOGY: linear
248
249
250 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:13:
251
252 TTTTTTCTGC AGTATGCATT CCAGGGCAAG CGGTTCT 37
253
254 (2) INFORMATION FOR SEQ ID NO:14:
255
256 (i) SEQUENCE CHARACTERISTICS:
257 (A) LENGTH: 36 base pairs
258 (B) TYPE: nucleic acid

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/735,056

DATE: 03/22/2001
TIME: 23:29:36

INPUT SET: S36554.raw

Line	Error	Original Text
------	-------	---------------